

TECHNICAL DATA

AutoMesh

It offers the largest and most effective filtering surface. During the cleaning process it does away with linear displacement.

They can be made in ebonite.



nanoplus⁺
TECHNOLOGY

SYSTEM

The filtration through screen is accomplished by retaining the suspended solids in the water between the gaps thereof. The self-cleaning and filtration processes are compatible and can be run simultaneously. It also has great filtration surface and reduced head loss.

CONSTRUCTION MATERIALS

Body: stainless steel AISI 304 or AISI 316

Joints: synthetic rubber nitrile 60° Shore

Screws: zinc-coated

Screen: polyamide cartridge and stainless steel screen

Suction mechanism: stainless steel

CLEANING

It is carried out automatically using a set of nozzles which go over the whole surface of screen. AUTOMESH manages with only one turn of the aspiration mechanism eliminate the dirt accumulated in the filtering cartridge.

PRESSURES

Max. Pressure: 10 kg/cm²

Min. Pressure: 1 kg/cm²

Min. Cleaning Pressure: 2,5 kg/cm²

Testing Pressure: 15 kg/cm²

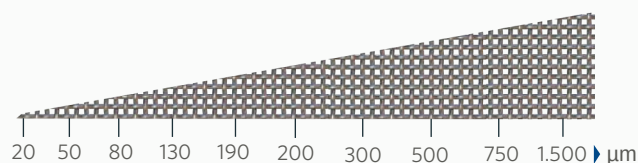
Available Pressure: 16 kg/cm²

STEEL SURFACE TREATMENT

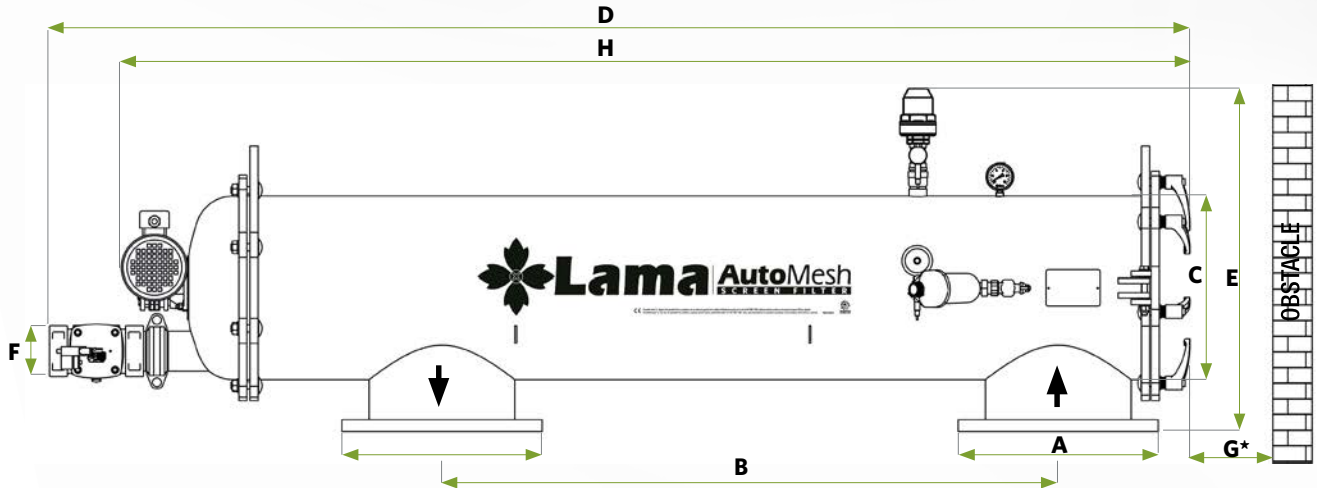
Pickling and passivating.

FILTERING ELEMENT

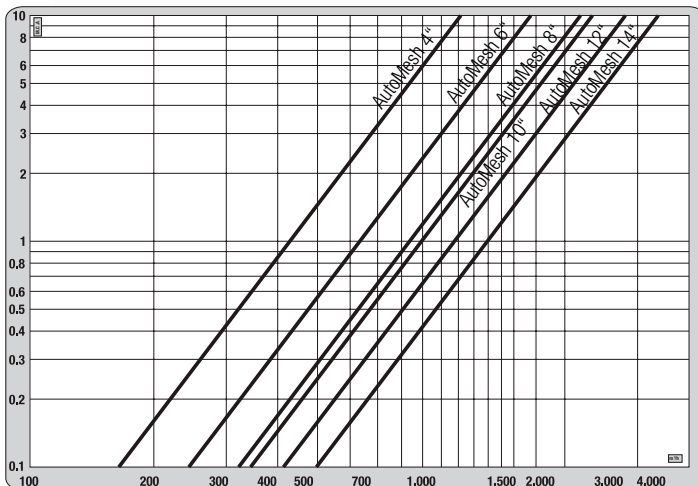
Stainless steel screen injected in a polyamide tubular structure. For our automatic filters the standard screen is 190µm (0,190 mm). Other screen options are available, ranging from 1.500 µm (1,5 mm) down to 20 µm (0,02 mm).



AUTOMATIC ELECTRIC SCREEN FILTER AUTOMESH



HEAD LOSS



G*: security area for the cartridge removal.



Results obtained in our factory with approved measuring instruments, using clean water as a liquid for assessment and Lama screen of 190 µm.

A (Ø)	B (mm)	C (mm)	D (mm)	E (mm)	F (Ø)	G (mm)	H (mm)	Net Weight (kg)	Package			Code
									Dimensions (mm)	Weight (kg)	Volume (m³)	
4" Flange	450	406	1.590	760	3" Thread	1.270	1.440	190	1.900x700x850	210	1,024	AM4SI
4" Flange	800	406	1.995	741	3" Thread	1.270	1.835	195	1.900x700x850	214	1,024	AM6B4SI
6" Flange	800	406	2.010	760	3" Thread	1.270	1.840	195	1.900x700x850	214	1,024	AM6SI
8" Flange	1.100	406	2.145	760	3" Thread	1.405	1.975	210	2.050x700x850	250	1,105	AM8SI
10" Flange	1.100	406	2.415	760	3" Thread	1.675	2.240	235	2.320x700x850	275	1,250	AM10SI
12" Flange	1.370	406	2.550	760	3" Thread	1.810	2.380	276	2.540x700x870	302	1,546	AM12SI
14" Flange	1.370	406	2.415	760	3" Thread	1.400	2.380	525	2.500x820x850	570	1,920	A14ETXLSI

AUTOMATIC ELECTRIC SCREEN FILTER AUTOMESH



Flow Limit 3m H.D	Max.Recommended Flow (m³/h)		Screen Surface (cm²)	Filtration Surface (cm²)	Backwashing			Nº Cartridges Sections	Code
	< 50ppm	50/100ppm			Flow (m³/h)	Quantify (ℓ)	Time		
700	219	132	5.980	8.058	75	105	5"	5 x T28P13S	AM4SI
700	350	211	9.568	12.893	120	167	5"	8 x T28P13S	AM6B4SI
1.050	350	211	9.568	12.893	120	167	5"	8 X T28P13S	AM6SI
1.400	394	237	10.764	14.089	135	188	5"	9 x T28P13S	AM8SI
1.480	481	290	13.156	16.481	165	229	5"	11 x T28P13S	AM10SI
1.800	525	317	14.352	17.677	180	250	5"	12 x T28P13S	AM12SI
2.760	669	405	18.313	29.030	210	292	5"	1 x PVC400	A14ETXLSI
Rubber nozzle									BAAG
Electric motor with control box 220V									MOEB050